

Table of Contents

LIST OF FIGURES	iii
LIST OF TABLES	v
I. EXECUTIVE SUMMARY.....	1
INTRODUCTION	1
PUBLIC INVOLVEMENT	2
PURPOSE AND NEED.....	4
RECOMMENDATIONS	5
RECOMMENDED IMPROVEMENTS	6
FINDINGS	9
II. INTRODUCTION.....	17
STUDY AREA.....	17
STATEMENT OF PURPOSE	17
STATEMENT OF NEED.....	19
PUBLIC INVOLVEMENT PROGRAM.....	19
STUDY ORGANIZATION	23
III. TRANSPORTATION CONDITIONS	26
EXISTING TRANSPORTATION CONDITIONS	26
Existing Roadway Conditions	26
Existing Bicycle and Pedestrian Conditions.....	80
Existing Conditions for Other Modes.....	84
FUTURE TRANSPORTATION CONDITIONS	86
Future Roadway Conditions	86
Future Bicycle and Pedestrian Conditions	104
Future Conditions for Other Modes	104
IV. LAND USE AND ENVIRONMENTAL CONDITIONS.....	105
LAND USE CONDITIONS	105
Existing Land Use Conditions.....	105
Future Land Use Conditions.....	109
ENVIRONMENTAL CONDITIONS	112
Socio-Economic Profile.....	112
Environmental Scan.....	120
V. PURPOSE AND NEED, GOALS AND OBJECTIVES, AND EVALUATION CRITERIA	130
PURPOSE AND NEED.....	130

Table of Contents (cont.)

Purpose and Need	130
Statement of Need	130
GOALS, OBJECTIVES, AND EVALUATION CRITERIA	131
VI. IMPROVEMENTS	134
IMPROVEMENT IDENTIFICATION PROCESS	134
RECOMMENDED IMPROVEMENTS	139
US-26 – Moreland Rd. to I-15 Northbound Ramps	139
I-86B – Pocatello Ave. to Idaho St.....	149
SH-39/Segment 1 – Idaho St. to N. Pleasant Valley Rd.	152
SH-39/Segment 2 – Sage Rd. to US-26.....	156
ACCESS MANAGEMENT STRATEGY	167
VII. RECOMMENDATIONS	182
APPENDICES	
APPENDIX A: Reported Roadway Deficiencies	184
APPENDIX B: Level of Service Parameters and Input Data	192
APPENDIX C: Definitions	201
APPENDIX D: Housing and Employment Forecasting Methodology.....	203
APPENDIX E: Recommended Improvements	206

List of Figures

Figure 1	Corridor Study Area	18
Figure 2	Existing Functional Classification	27
Figure 3	Existing Number of Lanes.....	29
Figure 4	2003 Annual Average Daily Traffic.....	32
Figure 5	SH-39 Monthly Traffic Variation.....	32
Figure 6	Hourly Traffic Variation	33
Figure 7	2003 Design Hour Traffic Volumes	37
Figure 8	Proposed South Bypass - Blackfoot	40
Figure 9	Existing Level of Service	44
Figure 10	Existing Level of Service Deficiencies	45
Figure 11	Reported Level of Service Deficiencies	49
Figure 12	Existing Traffic Operations Deficiencies	51
Figure 13	Reported Traffic Operations Deficiencies.....	56
Figure 14	Existing Accident Rates	61
Figure 15	High Accident Locations.....	64
Figure 16	Reported Safety Deficiencies	66
Figure 17	Existing Lane, Shoulder, and Roadway Widths.....	71
Figure 18	Existing Geometric Deficiencies.....	72
Figure 19	Reported Geometric Deficiencies	78
Figure 20	Existing and Planned Bicycle and Pedestrian Facilities.....	82
Figure 21	Existing Facilities - Other Modes.....	85
Figure 22	2025 Annual Average Daily Traffic.....	89
Figure 23	2025 Annual Average Daily Traffic Growth	90
Figure 24	2025 Design Hour Volumes	91
Figure 25	2025 Level of Service.....	93
Figure 26	2025 Level of Service Deficiencies.....	95
Figure 27	2025 Traffic Operations Deficiencies	99
Figure 28	Bingham County Comprehensive Plan Map	106
Figure 29	Typical Rural Two-Lane Cross Section (SH-39).....	136
Figure 30	Typical Rural Two-Lane Cross Section (US-26).....	137
Figure 31	Typical Rural Four-Lane Cross Section (US-26).....	138
Figure 32	Recommended Improvements (US-26).....	140
Figure 33	Realignment of US-26/W. Collins Siding Rd. Intersection	142
Figure 34	Example Median With Two-Stage Crossing.....	145
Figure 35	Realignment of US-26/Parks Rd.-Porterville Rd. Intersection	146
Figure 36	Combined US-26/Bond Rd.-Pioneer Rd. Intersection	148
Figure 37	Recommended Improvements (SH-39 - S. Corridor Area).....	150
Figure 38	Signing, Striping Improvements at SH-39/Ft. Hall Ave. Intersection	151
Figure 39	SH-39/Lamb-Weston Rd. Intersection Improvements	154

List of Figures (cont.)

Figure 40	Recommended Improvements (SH-39 - N. Corridor Area)	157
Figure 41	Realignment of SH-39/Liberty Rd. Intersection	159
Figure 42	SH-39 Access Modifications - Rockford Area.....	161
Figure 43	SH-39/Wilson Rd. Intersection Access Improvements	163

List of Tables

Table 1	Existing Turn Lane Summary	28
Table 2	Committed and Planned Roadway Improvements - ITD	38
Table 3	Level of Service Standards.....	41
Table 4	Existing Level of Service Summary - Roadway Segments.....	43
Table 5	Existing Level of Service Summary - Intersections.....	46
Table 6	Existing Left-Turn Lane Deficiency Summary.....	52
Table 7	Existing Right-Turn Lane Deficiency Summary.....	53
Table 8	Highest Existing Turn Lane Needs	55
Table 9	Accident Rate Summary - Segments.....	60
Table 10	Accident Rate Summary - Intersections	62
Table 11	ITD Roadway Width Standards	68
Table 12a	Existing Lane and Shoulder Width Summary	69
Table 12b	Existing Roadway Width Summary	70
Table 13	Existing Bridge Width Deficiency Summary.....	73
Table 14	Existing Sight Distance Summary.....	75
Table 15	Existing Design Hour Bicycle and Pedestrian Volumes	80
Table 16	2025 Level of Service Summary - Roadway Segments	94
Table 17	2025 Level of Service Summary - Intersections	96
Table 18	2025 Left-Turn Lane Deficiency Summary	100
Table 19	2025 Right-Turn Lane Deficiency Summary	101
Table 20	Land Ownership	108
Table 21	2025 New Housing Units in North Corridor Area	110
Table 22	2025 Employment in North Corridor Area	111
Table 23a	Special Status Species - Bingham County	125
Table 23b	Special Status Species - Power County.....	125
Table 24a	Hazardous Remediation Sites - Bingham County	128
Table 24b	Hazardous Remediation Sites - Power County	129
Table 25	SH-39 Recommended Short-Range Turn Lane Improvments	156
Table 26	SH-39 Recommended Long-Range Turn Lane Improvments.....	165
Table 27	Approach and Signal Spacing Standards.....	170
Table 28	Access Standards for US-26 and SH-39.....	172
Table 29	Existing Intersection and Approach Spacing - US-26	175
Table 30	Existing Intersection and Approach Spacing - SH-39	176
Table A-1	Reported Roadway Deficiencies	Appendix A
Table B-1	<i>HCM</i> Two-Lane Highway LOS Parameters and Input Data.....	Appendix B
Table B-2	HIGHPLAN LOS Parameters and Input Data	Appendix B
Table B-3	<i>HCM</i> Urban Streets LOS Parameters and Input Data	Appendix B
Table B-4	<i>HCM</i> Multi-Lane Highways LOS Parameters and Input Data.....	Appendix B
Table B-5	<i>HCM</i> Signalized Intesection LOS Parameters and Input Data	Appendix B
Table B-6	<i>HCM</i> Unsigned Intesection LOS Parameters and Input Data	Appendix B
Table E-1	Recommended Improvements	Appendix E